



# The Raleigh Amateur Radio Society's **EXCITER**

## GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



## PUBLIC SERVICE EVENTS

Interested in helping? Visit  
<http://www.rars.org/public-service.php>

frequently for our 2015  
ham public service  
schedule.

Also see [page 19](#) for more info.

## RARS General Meeting

**Topic:** RARS Auction &

RARS Officers nominations

**Date:** October 13, 2015

**Time:** Arrive early 6:40 to register

items for the auction also see [page 6](#).

Meeting at 7:30 p.m.

*Informal gathering and refreshments from 7 - 7:30 p.m.*

**Where:** Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

*New HAM / Elmer meeting, 6:00 p.m. before member meeting*

*Tadd Torborg, KA2DEW, Elmer Coordinator*

## President's Message

You have an opportunity to be a star in our next program, or to be more exact, your stuff does in the RARS auction. This is a popular RARS event each year. Clear out shelves, attics, sheds, and if you are so fortunate, your basement of stuff that has outlived its allure and usefulness (to you) and allow it to be adopted by someone who will provide it with a loving home. If you haven't seen it or used it in the last ten years, then apparently you can get along without it.

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## RARS Officers

### **PRESIDENT**

Murray Merner  
K4MHM  
919-803-7973  
[K4MHM@arrl.net](mailto:K4MHM@arrl.net)

### **VICE PRESIDENT**

Tom Lewis  
N4TL  
[n4tl2@yahoo.com](mailto:n4tl2@yahoo.com)

### **SECRETARY**

Bob Chew  
K4YXM  
919.782.5778  
[rlchew@mindspring.com](mailto:rlchew@mindspring.com)

### **TREASURER**

Greg Seamster  
KE4PAX  
919.859.0029  
[ke4pax@arrl.net](mailto:ke4pax@arrl.net)



## The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website ([www.rars.org](http://www.rars.org)).

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## *Exciter*

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at [www.rars.org](http://www.rars.org). Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor ([editor@rars.org](mailto:editor@rars.org))

## For Your Information

### RARS General Meeting

Date: **Second** Tuesday of each month

Location: Ridge Road Baptist Church 2011  
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The meeting officially begins at 7:30 p.m.

### RARS Monthly Dinner

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the Golden Corral Restaurant, 6129 Glenwood Ave., Raleigh. Informal and Dutch, just bring your appetite and best rag to chew. 73, Chuck, K4HF

### RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

### VE Testing

The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARSfest in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your \$14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit [www.rars.org](http://www.rars.org) for more information.

### President's Message continued

Use the online process to identify the adoptee, it is easy to use and will help the process go much smoother.

Have you gotten your letter from your members of Congress? If you had sent them your opinion about bills HR1301 and S1685 you would have. Those are the bills that give Amateur Radio Operators a fair shake when erecting antennas. You may be for or against it – use your right as a citizen to let them know your opinion.

The Nominating Committee will present a slate of nominees for the 2016 Board of Directors at the October RARS Member Meeting. The election will be during the November RARS Member Meeting. The Board does the behind the scenes work to make RARS function. In some cases it takes only a few hours a month and in other cases it takes many hours for certain events. Without this effort by concerned members RARS would not be what it is. No matter what organization I have belonged to (including employment, Rotary, Jaycees, professional organizations) it has always been hard to get people to step up and get involved in the nuts and bolts level of the organization. I see it as a contribution, besides my dues, to the organization I benefit so much from. It's like being a citizen – you have to do more than just pay your taxes. In time of war you still have to go and fight and still pay your taxes. RARS needs those people who will fight in the trenches. Think about how you can contribute.

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RARS presents us with many opportunities: learn more about the Amateur Radio technology, make friends, to be a resource of experience and knowledge to other hams, a helping hand when needed by other members, someone to drink coffee with, to give back to the community in time of need, meet the challenges of RARSfest, Field Day, Public Service and the list can become even more personal with each member. There is nothing gained without effort and with more effort comes more value. I hope that you are able to take advantage of these opportunities RARS offers.

Almost daily I hear about how our children are falling behind most of the rest of the world in education. It may not be that bad – or it may be worse. Fewer people are going into engineering - whole university departments are closing. DIY and Maker Faire are trying to re-involve our children in the making of things against the tide of video gamers and tweeters. Amateur Radio is one of the activities that can interest our children in science and the reveal the value of education. Remember the “Take a child to work” effort? We need to “take” more children to Amateur Radio. Who can you take to Amateur Radio?

73,  
Murray, K4MHM  
Amateur Radio, pass it on.

**Announcing the 44th  
annual RARSfest  
and ARRL NC  
Section Convention  
Saturday April 2nd, 2016  
NC State Fairgrounds**

**Education Director**

Oct 3 is the first session of the seven session Amateur Extra Class course. Twelve people are registered. Dan Stancil, WY3O, RARS member, has arranged the classroom at NCSU. We will soon be working on the 2016 schedule. Curt Phillips, W4CP, will be conducting the Technician Class courses and Mike Murphy, WA4BPJ, will be conducting the General Class and Amateur Extra Class courses. A Technician course will be early 2016.

73, Murray, K4MHM

### RARS October Birthdays

Pete	K4PHS	10/02
Jay	KM4EP	10/02
Jerry	W2GLA	10/02
Dave	K4SAN	10/02
Olivia	KG4IYI	10/02
Dale	W4AUV	10/05
Todd	AG4AY	10/08
Tana	KB3UTX	10/08
Bill	KM4IFV	10/08
Gale	K4GGB	10/10
Frank	KY4W	10/11
Jimmy	K4JIC	10/15
Tommy	KK4OIH	10/17
Candy	NC4CJ	10/18
Mike	K4DRT	10/19
Austin	AJ4VK	10/21
Gary	KN4AQ	10/22
Mark	KM4JDX	10/22
Curt	W4CP	10/23
Glenn	KM4KSA	10/24
Ric	KI4PVC	10/25
David	KM4JEJ	10/26
Chuck	K4RGN	10/27
Bill	WA3FHM	10/27
Lou	W2ROW	10/27
Antoinette	KK4TTX	10/29
Sina	KM4KRR	10/30

### RARS New Members

Gary Coates	KI4KKY
Asif Rizvi	W4EMD

### Scouting

The Boy Scouts of America Jamboree on the Air (JOTA) will be Oct 17 at the Occoneechee Council HQ in Raleigh at 3231 Atlantic Ave. We will have HF and VHF capabilities. We have publicized the event with the Scouts, but are not sure of what the turnout will be. The hours of operation are 9:00 until 3:00 depending on how many scouts come.

We are helping the Scouts get the Electricity, Electronics and Radio Merit Badges. We need Subject Matter Experts to help. Anyone who has an Amateur Radio license should be capable of teaching these badges. There probably will be one and no more than 3 scouts at a time.

We can use some help on both of these projects – contact Charles Good, KM4AMT, (km4amt@arrl.net) to let him know you can help.

We will be presenting at the Occoneechee Council's University of scouting to make the leadership (Scouters) aware of Amateur Radio in November.

73, Murray, K4MHM



## **RARS annual Auction**

The RARS auction will be Tuesday October 13, 2015.

You can preregister your items at the RARS website until midnight Monday October 12. After that you can fill out forms at the auction. Doing it ahead of time is much better. Here is the URL for preregistering. <http://rars.org/AuctionForm2.php>

Pictures from last years auction.



On October 13, Check-in and Registration starts at 6:40 PM.

I will print both a label and an auctioneer's slip for all items that have been pre-

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registered. When you arrive find me and I will give you your labels and auctioneers slips. Put the labels on your equipment and put the equipment on one of the numbered tables. Write the number of the table on the auctioneer's slips. Then give the auctioneers slips back to me or to our auctioneer. Each pre-registered item will have an item number on it. That along with your call and the table number will help us match the slips to the equipment. Preregistration will end at midnight on October 12. That will give me time on Tuesday to print all the labels and auctioneer slips.

73 Tom, N4TL

## **RARS annual Auction**

### **Amateur Radio Roundtable**

Amateur Radio Roundtable is a live weekly amateur radio webcast that is held every Tuesday night at 8 PM CDT (0100 UTC Wednesday) at [W5KUB.com](http://W5KUB.com). The show covers a wide range of topics for ham radio operators and electronic hobbyists; including balloon launches, satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, hamfest updates, and more. Viewers will have the opportunity to ask questions via the chat room or telephone.

Past guests on the roundtable have been the following.

1. Riley Hollingsworth, K4ZDH, has been on the show and will be back. Riley is the former Special Counsel to the FCC where he was in charge of the enforcement of our spectrum.
2. Michael Kalter, W8CI, Dayton Hamvention spokesperson

Next week (October 13) Paul Ewing, N6PSE, will be on the roundtable. Paul has been the leader and member of many dxpeditions. Paul is the Co-Leader of the January 2016 Dxpedition to South Sandwich and South Georgia Islands.

## World Radiosport Team Championship

The August RARS meeting presentation was given by Nate, N4YDU. It was about this contest that is held every our years in a different part of the world. The contest Nate participated in was held July 8 to the 14, 2014. Nate and his team mate Kam, N3KS came



Nate N4YDU operating

in 20 out of 59 teams. Each team was assigned a tent and call sign to use. They did not know their call until 15 minutes before the start of the contest. That way they could not tell their friends to work them for more points. Each team was assigned a referee. Andy, LY7Z. was their referee. Go to this website for more information,

<http://www.wrtc2014.org>.



Antenna and tent



Nate N4YDU and Kam N3KS



Nate N4YDU, Andy LY7Z and Kam N3KS

PVRC sponsored tent



## Contest - DX Information

Local Contesters Will Roberts (AA4NC), Ron Oats (AA4VK) and Murray Adams (WA4DAN) will be traveling to PY0F - Fernando de Noronha

If you are a DXer the CQWW DX contest is a great opportunity to work a new one. The contest is during the October 24 - 25 weekend.

AA4NC, Will, and friends have updated their webpage (<http://www.aa4vk.com/py0f>) for their planned PY0F Fernando de Noronha, operation October 19-27. The team, Will Roberts AA4NC (Apex), Ron Oats AA4VK (Raleigh) and Murray Adams WA4DAN (Farmville) NC, will be on all bands 160-6M, CW, SSB and RTTY, before and after the CQWW DX SSB as well. Elecraft has provided them a K3S and KPA500 amp. In the contest, AA4NC will be single op all band, with AA4VK and WA4DAN using that time to work DX on the WARC-79 bands. The callsign plan is: PY0F/AA4NC, PY0F/AA4VK and PY0F/WA4DAN. They will have a fold-out color QSL with island scenes, "similar to the QSLs for our recent CY0 operations," says Will. WA4DAN will handle direct QSL requests. AA4VK will do the OQRS requests using N0TG's QSLNow.com.

Copied from The Weekly DX from 9/14/2015 with permission of the author.  
<http://www.dailydx.com/index.html>

### Future RARS 2015 Meeting Topics

**November 10, 2015** RARS Officers election and Show and Tell.

**December 8, 2015**, RARS pot luck Holiday party and  
RARS Officers induction.

**January 12, 2016**, Frank Weiss, KY4W,  
Putting up a tower and antennas in NC

Titles, topics, and speakers subject to change.

## CQ World Wide DX Contest.

SSB: October 24-25, 2015

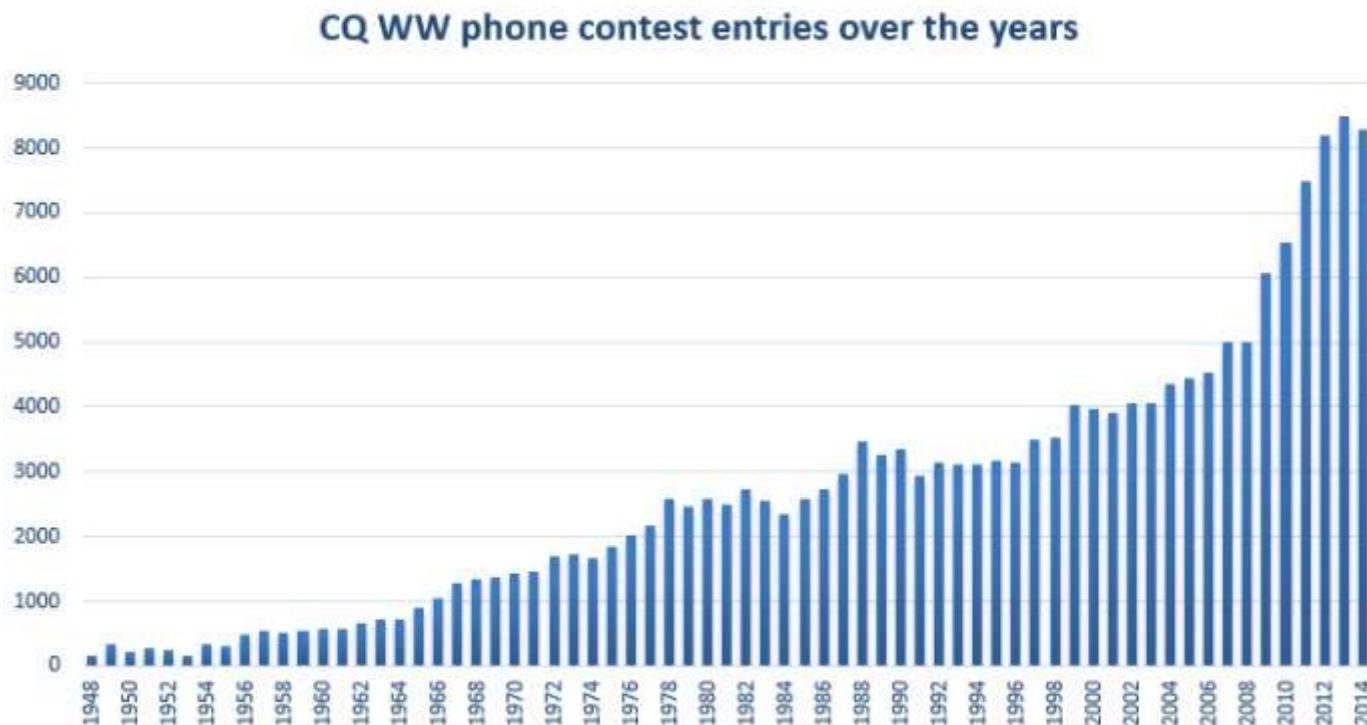
According to the CQ website:

The CQ WW is the largest Amateur Radio competitions in the world. Over 30,000 participants take to the airwaves on the last weekend of October (SSB) and November (CW) with the goal of making as many contacts with as many different DXCC entities and CQ Zones as possible.

For more information go to the CQ WW website.

<http://www.cqww.com/>

The chart below shows the number of entries that have been submitted to CQ for the phone contest weekend. It starts in 1948 with 158 entries. Last year it had 8283 entries. If you are a DXer, the contest may give you a few new ones.



## WES SCHUM W9DYV DEATH & TRIBUTE

Sent to me by Bill Marx, W2CQ.

The man who could be called the father of single sideband on amateur radio is a silent key. Wes Schum, W9DYV passed away last week at the age of 94. Wes Schum founded Central Electronics in 1949, the first product that Central Electronics manufactured was a hearing aid device.

But radio was what Wes envisioned for CE. He had a budding interest in single sideband during World War II. He and colleague Joe Batchelor began development of amateur SSB transmitters for use on 75 meters. The Central Electronics 10-A exciter, the company's first amateur product, is credited for being amateur radio's first practical SSB transmitter.

Wes's story is best told by those who knew him well. One of those is Nick Tusa, K5EF. Nick shared with Ham Nation viewers how he and Wes Schum met and struck up a decades long friendship.

[www.youtube.com/watch?v=-q6G-lqPoxo](http://www.youtube.com/watch?v=-q6G-lqPoxo)  
[www.ce-multiphase.com/history.html](http://www.ce-multiphase.com/history.html)  
[www.ce-multiphase.com/videos.html](http://www.ce-multiphase.com/videos.html)  
[www.youtube.com/watch?v=ofUppyaBQyc](http://www.youtube.com/watch?v=ofUppyaBQyc)

## Information on KBC Radio from David KF4VXJ

KBC radio is the broadcast division of KBC Imports, located in Ede, The Netherlands. KBC Imports is a radio and radio related importer. That includes amateur radio and related.

To help the Amateur Radio community, KBC airs Peter John's DX Headlines (when available) during the Saturday night edition of Eric Van Willegen's program "The Giant Jukebox". It airs as the third hour of the transmission. In cooperation with the Voice of America's VOA Radiogram project, a short digital transmission is made around 30 minutes into the final hour of the transmission. Format is usually MFSK64, with the center frequency of 1500 hertz. Fldigi works fine on decoding what's sent.

KBC is currently purchasing airtime on the Deutsche Telekom transmitters in Nauen, Germany for both European and North American target areas, running up to 125 kW. They also have access to a radio ship (old light vessel), so they are on 1602 kHz as well as on DAB+ from 7 am to 7 pm CET. Streaming audio is available at <http://www.kbcradio.eu>.

Dave Mason is on KBC Sunday from 00:00-01:00 UTC. Then Eric Van Willegen's program is on from 01:00 - 03:00 UTC. The current frequency is 7375 kHz, but the frequency may change to 7395 kHz in the near future. The local time for these two programs is Saturday at 8:00 to 11:00 PM

[www.kbcradio.eu/index.php?dir=shows/6095](http://www.kbcradio.eu/index.php?dir=shows/6095)



Here is a picture of the current RARS Amateur Extra Class course students and instructors.

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### Summits On The Air

Are you looking for something new to do on the radio? Check out the SOTA site: [www.sota.org.uk](http://www.sota.org.uk) and the SOTA alert page [www.sotawatch.org](http://www.sotawatch.org). It's basically a packet cluster for SOTA activations, and it's quite fun to chase these guys and try to work them.

Thanks to Jack W4TJE for this information.

## RARS member, Gerald L. Agliata, W2GLA receives the Edgar F. Johnson Pioneer Citation from the Radio Club of America.

Thanks to Karl W4CHX for sending this to the exciter editor.

The Radio Club of America (RCA) has announced the recipients of its 2015 awards, and the list includes several radio amateurs. Recipients will be honored at the RCA 2015 Awards Banquet and Technical Symposium on November 21 in Cupertino, California. The Edgar F. Johnson Pioneer Citation winner is Gerald L. Agliata, W2GLA, in appreciation of his longtime and substantial contributions to the success of the Radio Club of America.

Follow this link to read about other awards and their recipients.

<http://www.arrl.org/news/radio-amateurs-are-among-radio-club-of-america-2015-award-winners>



### BIOGRAPHY OF GERALD (JERRY) L. AGLIATA W2GLA

Jerry Agliata's early interest in SWL brought him to amateur radio. He graduated from RCA Institute in New York and planned a career as a radio technician. He worked in the military electronics business as a technical writer, systems test engineer and other engineering related positions. He eventually found work in the Radio Common Carrier Industry, the independent firms that competed with the telephone company for mobile telephone and radio paging service prior to cellular telephone deployment in 1985.

He owned an RCC in New York Metro together with radio tower sites that served extensive land mobile radio systems. He was one of the founders of the predecessor company to AT&T Wireless, known then as *Cellular Telephone Company (CTC)*, in New York. He was a partner in the design, development and construction of the NYC Metro CTC cellular system.

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He founded, owned and operated a number of wireless antenna site companies. He coauthored the publication: *Tower Operations & Equipment Installation Handbook* .

He was Executive Director of the National Antenna Consortium, an industry antenna issues advocacy organization. He was a founding member of the Personal Communications Industry Association, an antenna site trade group based in Washington, D.C.

He is a Fellow in the Radio Club of America and the RCA Board recently announced the awarding of the Edgar F. Johnson Pioneer Citation in November 2015. He received the ARRL President's Award in 2004 primarily for his extensive issues advocacy work in New York State for amateur radio antenna rights issues. He also received the New York State gubernatorial Citation from Governor George E. Pataki for promoting amateur radio interests in New York State. In addition he received a Special Citation from the Senate of the State of New York for his work promoting amateur radio. Jerry is a member of the Raleigh Amateur Radio Society and the ARRL.

Jerry resides in Wake Forest, NC together with his wife Jo Ann of 43 years.

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## 2015 Hamfest and Conventions

10/11/2015 | [Maysville Hamfest](#)

**Location:** Maysville, NC

**Type:** ARRL Hamfest

**Sponsor:** Maysville Hamfest Association

10/17/2015 Rock Hill Hamfest

**Location:** Rock Hill SC

**Rescheduled from 10/03/2015 to 10/17/2015**

**Sponsor:** [York County Amateur Radio Society](#)

11/15/2015 | JARSFest 2015

Location: Benson, NC

Type: ARRL Hamfest

Sponsor: Johnston Amateur Radio Society

Website: <http://www.jars.net>

# Minutes

## Raleigh Amateur Radio Society Board of Directors Meeting August 18, 2015

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*Present:* Bob K4YXM, Chuck K4HF, Raymond KC4OO, Tom N4TL, Dennis NC4DK, Karl W4CHX, Greg KE4PAX

*Regrets:* Joanne AK4RJ, Bill AK4BL Murray K4MHM

*Guest:* Alan AB4OZ

1. Call to order (Tom N4TL: The meeting was called to order at 7:10 pm.
2. A quorum was not present until Greg arrived
3. There were no changes to the agenda.
4. Approval of minutes (Tom N4TL): The minutes of the August 18<sup>th</sup> meeting were approved as corrected.
5. Vice President's report (Tom N4TL): Next meeting is the auction.
6. Treasurer's report (Greg KE4PAX): Greg reported that RARS had 339 members. If anyone has questions regarding details please contact either Greg KE4PAX or Murray K4MHM.
7. Secretary's report (Bob K4YXM): No report
8. Committee reports:
  - a. Public Service Director (John AI4RT): No Report
  - b. Education Director (Murray K4MHM): No report. There were questions about the ability of RARS members to audit the Extra Class class and if that were a factor for determining if there were enough students to have the class.
  - c. Public Information Officer (Charles KM4AMT): No report.
  - d. Immediate Past President (CJ NC4CJ): No report.
  - e. Director-at-Large (Bill AK4BL): No report
  - f. Director-at-Large (Raymond KK4OOQ): No report.
  - g. Scouting Coordinator (Charles KM4AMT): No Report
  - h. FM Repeater Chair (Karl W4CHX): The 444.525 machine at Bayleaf is installed and operational. Installation of the 145.130 machine (W4RNC) is proceeding to plan.
  - i. Exciter Chair (Tom N4TL): Needs input by September 5<sup>th</sup>
  - j. Food Service Chair (Joanne AK4RJ): No Report
  - k. ARRL liaison Chuck K4HF: Chuck reported that over 8000 letters supporting the parity act have been collected by the ARRL.

- l. ARRL NC Section Mgr. (Karl W4CHX): Karl is going to Connecticut for training as a section manager.
- m. Webmaster (Hank K4HM): No report.
- n. RARS Fest: (vacant): Chuck K4HF reported that the date for next RARSfest is April 2<sup>nd</sup>, 2016.
- o. Field Day Chair (Dennis NC4DK): No report.
- p. North Carolina QSO Party (Marty W4MY): No report.
- q. W4DW/W4RNC Trustee (Jeff AC4ZO): No report
- r. Net Manager (Mary KG4OQA): No report
- s. Nominating committee Chuck K4HF: Chuck reviewed the status of the committee's work to date.

9. Old business:

- a. Job Descriptions:  
Greg KE4PAX has sent a draft of the financial review process to Murray.  
Greg KE4PAX is working on the treasurer's job description.
- b. Club Logo: Bob K4YXM reported that he has engaged a graphic designer to develop a logo for RARS. He expects feedback within a week and will send the proposed logos via email when he has them.
- c. Club shirts: No Action.
- d. Member Survey: Charles KM4AMT and Raymond NC4OO have begun work on this but have not completed their work.
- e. Officer installation process: After some discussion, no action was taken.

10. New business: None

11. Comments and announcements: Karl reviewed some lighting incidents that happened at other field day sites and suggested that RARS review it's practices for field day

12. Adjournment (Tom K4TL): The meeting was adjourned at 9:04 pm.

Respectfully submitted,  
Bob Chew, K4YXM  
RARS Secretary

# MINUTES

## Raleigh Amateur Radio Society General Membership Meeting September 8, 2015

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1. Call to order: Murray K4MHM called the meeting to order at 7:31 PM. There were 46 members in attendance which constituted a quorum.
2. Introduction of Visitors and New Members:
  - a. New Members: Rob KM4MLY, John KM4GLN
  - b. Visitors: James N0FPP, Nate N4YDU, Dan N3ND, Nathan KM4DVE, Mark Beason, Sam Brandt, Roger K4CLK, Kushu Patell, Al AH6LS
3. Approval of minutes: The minutes of the general membership meetings of August 11, 2015 were approved as published in the Exciter.
4. Health and Welfare: No report.
5. Secretary's report (Bob K4YXM): No report
6. Treasurer's report (Greg KE4PAX): Greg presented the Financial Report. We currently have 328 members. People were reminded to renew their membership. If anyone has questions regarding the report they should contact either Greg KE4PAX or Murray K4MHM.
7. President's Remarks (Murray K4MHM):
8. Vice President's report: Next month is the RARS auction. Tom asked members to arrive early at 6:30 p.m. to help set tables for the auction.
9. Reports and announcements from RARS Board members and others:
  - a. Public Service: No report.
  - b. Education: Murray reported that the General class completed with 8 students taking the test and 6 passing. An Extra class will begin on October 3<sup>rd</sup> and run for seven weeks.
  - c. Repeaters: Karl reported that the 444.525 repeater (K4RNC) has been installed and is operational.
  - d. Public Information Officer: No Report

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- e. Scouting: Murray discussed the difference between a merit badge counselor and a Subject Matter Expert. He urged members to get involved. RARS will sponsor a JOTA station on Oct 17.
- f. ARRL Liaison: Chuck K4HF. FCC ULS software upgrade should be completed by Thursday Sep 10
- g. Exciter: Tom asked for stories and information to put in the newsletter.

10. Gift Raffle: Winners were Bob NC1X and Dave K4SAN

11. Program: World Radiosport Team Championship. Nat N4YDU.

12. Adjournment: The meeting was adjourned at approximately 9:02 PM. Murray asked all visitors and new members to come to the front of the room so all could meet them.

Respectfully submitted,

Bob K4YXM

RARS Secretary





## Current Public Service Opportunities

### Copied from the RARS website

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**To volunteer for a Public Service event please complete the form at the top of this page.**

*The Ham Public Service Net meets on Wednesday at 7:30 pm on the Carolina 440 Link System. We use the following repeaters:*

441.725(+)(100) – Raleigh, NC Hub  
443.450 (+)(100) – Cane Mt., Snow Camp, NC  
444.325 (+)(100) – Holly Springs, NC  
444.375 (+)(100) - Henderson, NC  
444.550 (+)(100) – Coats, NC  
444.775 (+)(100) – Cary, NC  
444.875 (+)(100) – Wendell, NC  
145.330 (-)(100) – Goldsboro, NC  
442.250 (+)(107.2) - McCain/Southern Pines, NC  
444.200 (+)(179.9) - Johnsonville, NC  
444.025 (+)(100) - Benson, NC  
442.425 (+)(100) - Buxton, NC

*(The net is also accessible through IRLP Reflector 9210)  
The Ham Public Service Yahoo Group link is: Ham*

**WELCOME TO THE HAM PUBLIC SERVICE EVENT SIGNUP PAGE.**  
**Choose the event(s) for which you would like to volunteer and fill out the form at this [link](#) for each event that you are volunteering.**

### BEACH 2 BATTLESHIP TRIATHLON

**October 17, 2015 - Saturday - Wilmington, NC**

It's that time of year for the Beach 2 Battleship Triathlon in Wilmington. Turnout is expected to be the largest yet. This means that New Hanover County ARES will need more help than ever!

For those of you who don't know, Beach 2 Battleship is an Iron Man Triathlon consisting of a 2.4 mile swim, a 112 mile bicycle ride and a 26.2 mile run, raced in that order and without a break. Due to the size of the course which will span multiple counties including areas without cell service, amateur radio operators play a vital role in communications for this event. Amateur radio operators will be placed at aid stations and in SAG (support and gear) vehicles along the course to pass messages to net control.

Volunteers will receive a free t-shirt and will be invited to the volunteer dinner before the race for some delicious free food! This is a really fun event and your participation goes a very long way in serving the community. As in years past, proceeds from the event support the YMCA and will be one of their largest sources of donations.

\* Website: [B2B](#)

If you are interested in volunteering, please email Andy Wittman (kk4zkg@gmail.com). If you have never worked this event before or are a new ham, let us know! We will make sure you are stationed with someone who has experience working this event.

Thank you, this event couldn't happen without your support.

## NCBC FALL RALLY

October 18, 2015 - Sunday - Holly Springs, NC

The Fall Rally has routes down into Hilly Harnett County! Come get your hills on! Proceeds benefit the National MS Society. Ham Volunteers are needed for SAGs, Rest Stop Monitors and course safety.

\* Location: Carolina Brewing Co., 140 Thomas Mill Rd., Holly Springs, NC 27544

\* Time: Operators Meeting 8:00 AM - Net Control at Start/Finish

\* Event Website: Fall Rally

- To Volunteer fill out the form at this [link](#).

..... Here are some events from our friends in the Charlotte area....  
**CHECK BACK OFTEN**

I know most of what is discussed here is not from my part of the state, down near Charlotte, but I wanted to pass along some of our Public Service events as well - in case anyone happens to be traveling in the area and wants to help out, or maybe there are some members of the group from the area as well!

**October 17 - 18**  
**MS Society Break Away to the Beach at Sunset Beach, NC**

**October 24**  
**Cystic Fibrosis Cycling Event in Waxhaw, NC.**

The most versatile pieces of equipment for working as a ham volunteer during public service events are as follows:

**PRIMARY EQUIPMENT**

- \* Dual band (144/440) 25 watt (min) mobile transceiver
- \* A 1/2-5/8 wave well-grounded dual band mobile antenna

**EXTRAS THAT ARE HELPFUL**

- \* Dual Band (144/440) hand held transceiver
- \* Extra set of charged batteries
- \* Ear phones & speaker mic or boom mic/headphone set
- \* Higher gain antenna than the supplied rubber duck. For example Comet BN-24 or SMA-24 or Diamond RHF40 or SRH77CA. There are also many other hi-gain HT antennas available.

*Remember to keep those batteries charged and earplugs handy and check back to this [site](#) and [Carolina Helping Hams](#) frequently for upcoming events.  
Hope to see you during one of the events.*

73,  
John - AI4RT

## RARS Classifieds

Copied from [www.rars.org/classifieds.php](http://www.rars.org/classifieds.php)

The items below were listed within the last 30 days on the RARS website.

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For Sale ICOM IC-756PROIII (PRO3) Transceiver

Posted October 4th, 2015 by: N4TL

Contact: [n4tl2@yahoo.com](mailto:n4tl2@yahoo.com)

For Sale ICOM IC-756PROIII (PRO3) in excellent shape includes the box, manual, microphone and power cord. Non smoker, the radio is in excellent shape, a great looking and Great performing radio. \$1,600 or reasonable offer.

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Misc Radio Related Items

Posted September 18th, 2015 by: K4HF

Contact: [k4hf@arrl.net](mailto:k4hf@arrl.net)

One Turner Model 754 Base mike - good \$30.

Opek CX-201 2 Position Coax Switch 1-600 MHz - new \$15.

Coleman Model PM 0401853-02 Portable 1500/1850 Watt generator w/manual - good condx - \$175.

Quest Instant Up 12'x12' Outdoor Portable Screen Room - as new - \$75.

Contact me by E Mail, preferred, or (919)872-6555 thanks, Chuck

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For Sale a YouKits HB-1B QRP rig.

Posted September 9th, 2015

Contact: [w4ne@juno.com](mailto:w4ne@juno.com)

For Sale a YouKits HB-1B QRP rig

80/40/30/20 meter CW QRP Transceiver. It has the longer life battery and was only used about 10 hours at the 2014 field day weekend. It receives CW or SSB from 3.2 to 16 MHz, \$225. Contact Ted Webb W4NE at [w4ne@juno.com](mailto:w4ne@juno.com) if you are interested. ([www.youkits.com](http://www.youkits.com))